

Title (en)  
FUEL CELL SYSTEM AND AIR VEHICLE

Title (de)  
BRENNSTOFFZELLENSYSTEM UND LUFTFAHRZEUG

Title (fr)  
SYSTÈME DE PILE À COMBUSTIBLE ET VÉHICULE AÉRIEN

Publication  
**EP 4080628 A2 20221026 (EN)**

Application  
**EP 22168771 A 20220419**

Priority  
JP 2021073154 A 20210423

Abstract (en)  
A fuel cell system for air vehicles, wherein the fuel cell system comprises: a fuel cell, a fuel gas system for supplying fuel gas to the fuel cell, a potential sensor, and a controller; wherein the fuel gas system comprises a fuel gas supplier; wherein the controller determines whether or not a potential of the fuel cell measured by the potential sensor, is a reversal potential; and wherein, when the controller determines that the potential of the fuel cell is a reversal potential, the controller increases a fuel gas supply from the fuel gas supplier to the fuel cell.

IPC 8 full level  
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**B60L 58/33** (2019.02 - EP); **B60L 58/40** (2019.02 - EP); **H01M 8/04089** (2013.01 - CN EP); **H01M 8/04201** (2013.01 - CN US); **H01M 8/04388** (2013.01 - EP); **H01M 8/04544** (2013.01 - EP); **H01M 8/04552** (2013.01 - CN EP US); **H01M 8/04559** (2013.01 - CN); **H01M 8/04671** (2013.01 - CN); **H01M 8/04679** (2013.01 - CN EP); **H01M 8/04753** (2013.01 - CN EP); **H01M 8/04798** (2013.01 - US); **H01M 8/04865** (2013.01 - EP); **H01M 2008/1095** (2013.01 - EP); **H01M 2250/20** (2013.01 - CN EP US); **Y02E 60/50** (2013.01 - EP); **Y02T 90/40** (2013.01 - EP)

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JP 2017081559 A 20170518 - GENERAL ELECTRIC CO GE

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BA ME

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